FIG. 1

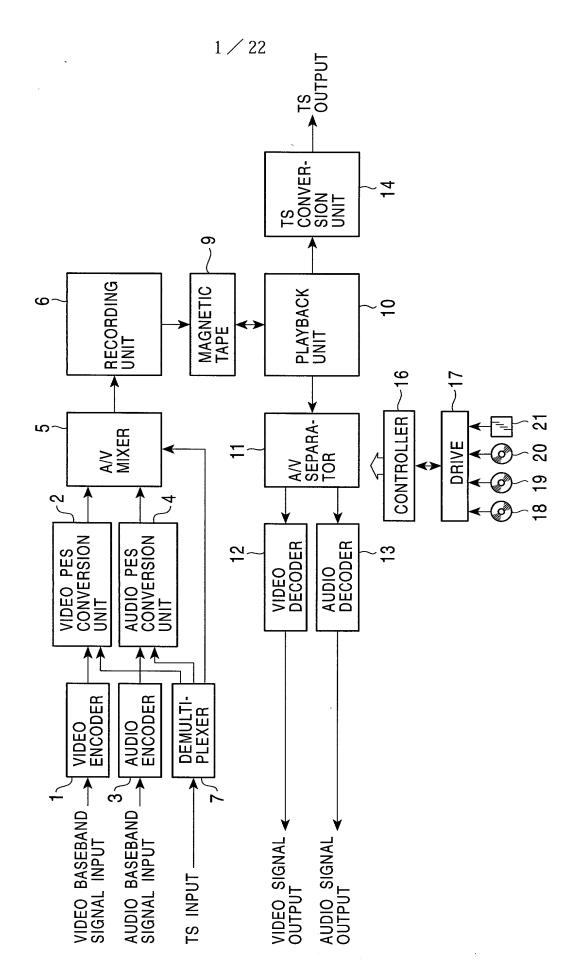


FIG. 2

|--|

T.S.: TIME STAMP

FIG 3

VIDEO 3 FRAMES(P/B/B)
AUDIO PES 5 FRAMES
VIDEO PES 3 FRAMES(P/B/B)
AUDIO PES 4 FRAMES
VIDEO PES 3 FRAMES(I/B/B)
AUDIO PES 4 FRAMES

FIG. 4

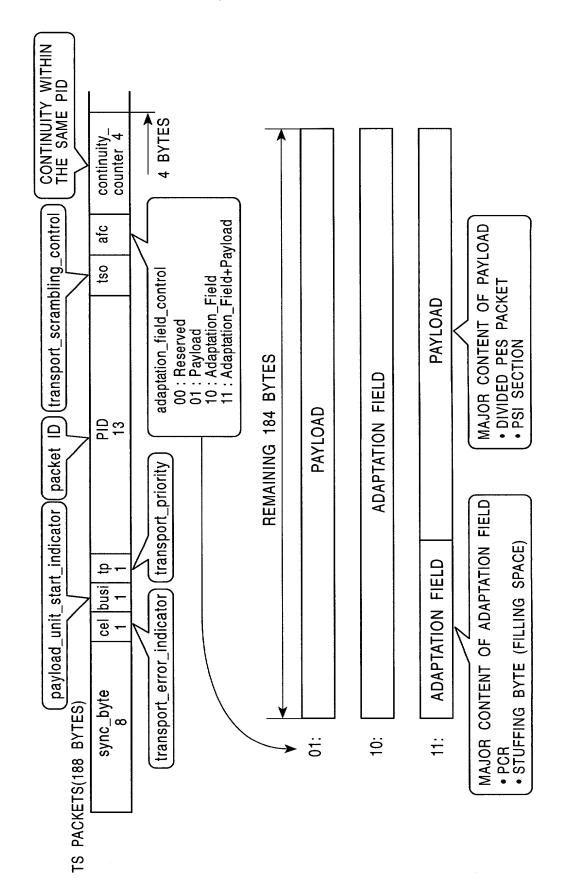
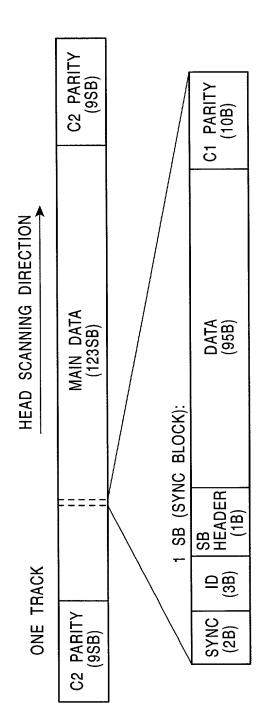


FIG. 5

		PES PAYLOAD	
	CONDITIONAL CODING	OTHERS STUFFING (19×8 BITS) (N×8 BITS)	
	CONDITION	DTS 0. (40 BITS)	<b></b>
EADER		DATA PTS LENGTH (40 8 BITS)	Z = 19 BYTES
PES HEADER	PES HEADER	AND DATA CONTROL LENGTH (14 BITS)	+Z = 19
	FLAG	4+2+2+1+5+	
	10	+2+	
	PES	RT PACKET LENGTH BITS) (16 BITS)	4
	PACKET	START CODE (32 BITS)	

FIG. 6



BIT-7	BIT-6	BIT-5	BIT-4	BIT-3	BIT-2	BIT-1	BIT-0
1	- DATA TYPE -	<u></u>					
	PES-VIDEO		FULL/PARTIAL	CONTINUI	CONTINUITY COUNTER		
	PES-AUDIO		FULL/PARTIAL	CONTINUI	CONTINUITY COUNTER		
	SEARCH-DAT		VIDEO/AUDIO	SEARCH SPEED	SPEED		RESERVED
	AUX		AUX MODE			RESERVED	
	TS-1		RESERVED		TIME STAMP		
	TS-2		CONTINUITY COUNTER	COUNTER			
	NULL		RESERVED				
	RESERVED		RESERVED				
	AUG. 100 100 100 100 100 100 100 100 100 10						

AUX MODE 0:AUX-V 1:AUX-A 2:PSI-1 3:PSI-2 4:SYSTEM 5-7:RESERVED

FIG. 8

	PES-FULL	PES-PARTIAL		
PATTERN	PES DATA 95BYTES	HEADER LENGTH/1 BYTE BY THE DESIGNATED LENGTH) 94 BYTES MAX.	TYPE FULL/PARTIAL CONTINUITY COUNTER PES -S 1 BIT 4 BITS	PES-VIDEO 0 = FULL PES-AUDIO 1 = PARTIAL
	HEADER 1 BYTE	HEADER 1 BYTE	DATA TY 3 BITS	000 = PE 000 = PE
PES RECORDING	PART OF PES DATA	FINAL PES DATA	HEADER	

CONTINUITY COUNTER:
BY USING CYCLIC COUNTER INDEPENDENTLY FOR
PES-VIDEO AND PES-AUDIO, IT CAN BE IDENTIFIED
THAT THE SAME TYPE OF SB IS CONTINUOUS

FIG. 9

	PSI-1	PSI-2			
92+95 = 187 BYTES	FIRST HALF OF PSI TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	SECOND HALF OF PSI TS PACKET 95 BYTES	-	AUX(PSI)	
92+9	FIRST HALF C (sync_byte 47H	HALF OF PSI TS	1	RESERVED 2 BITS	l-1 l-2
TERN	HEADER RESERVED 1	SECOND	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E AUX MODE 3 BITS	010 = PSI-1 011 = PSI-2
RDING PATTERN	HEADER 1 BYTE	HEADER 1 BYTE		DATA TYPE 3 BITS	011 = AUX
PES RECOR	PSI 1ST SB	PSI 2ND SB		HEADER	

IN PES RECORDING MODE, RECEIVED PSI (PAT/PMT/SIT) TS PACKET IS DIVIDED AND RECORDED IN TWO SBS AS AUX

FIG. 10

	] TS-1	] TS-2	ı	TIME STAMP: 3+24 = 27BITS		
92+95 = 187 BYTES	FIRST HALF OF TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	SECOND HALF OF TS PACKET 95 BYTES		1TS TS-1 TS-2		CONTINUITY COUNTER: BY USING CYCLIC COUNTER FOR TS, IT CAN BE IDENTIFIED THAT TS IS CONTINUOUS.
TS RECORDING PATTERN	SB HEADER TIME STAMP 1 BYTE 3 BYTES	HEADER 1 BYTE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATA TYPE 3 BITS	100 = TS-1 101 = TS-2	
TS REC	TS PACKET 1ST SB	TS PACKET 2ND SB		HEADER		

FIG. 11

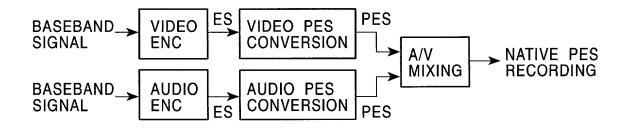


FIG. 12

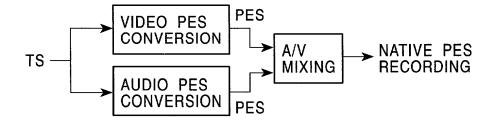


FIG. 13

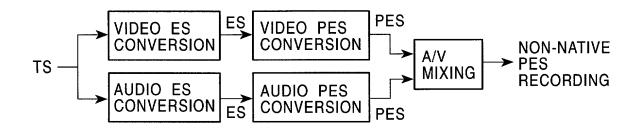


FIG. 14

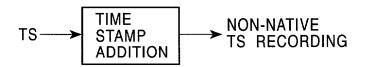


FIG. 15

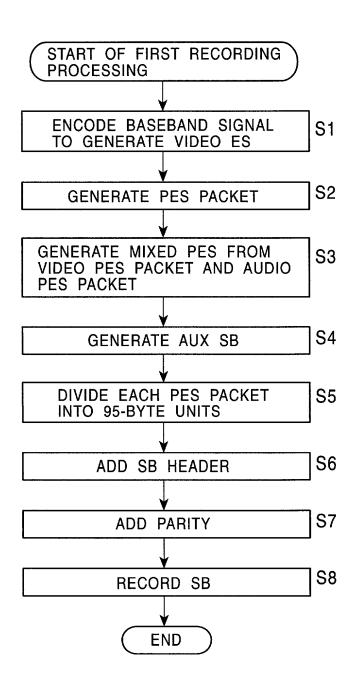


FIG. 16

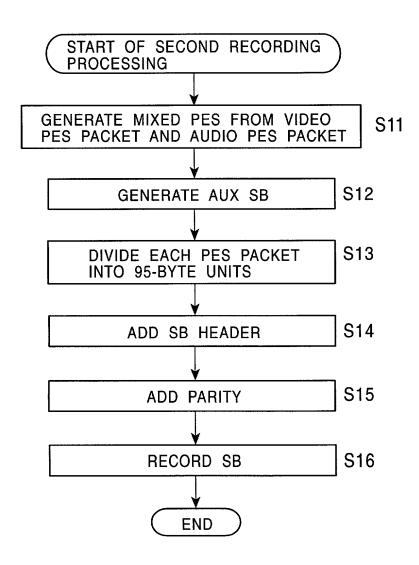


FIG. 17

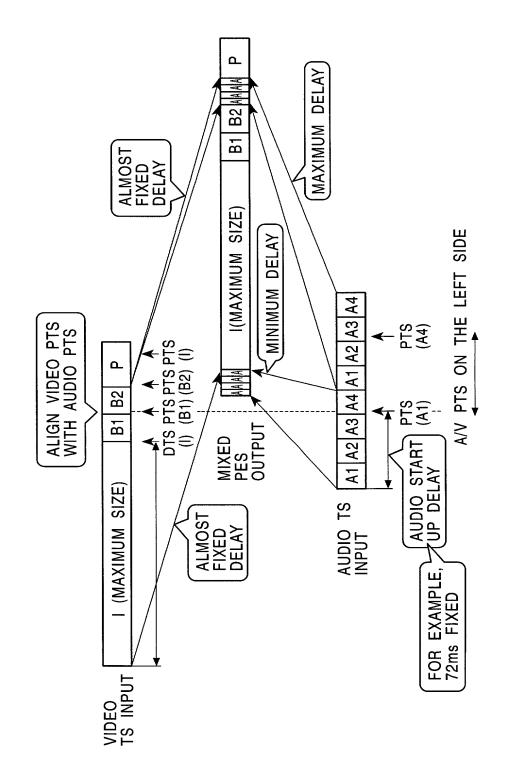


FIG. 18

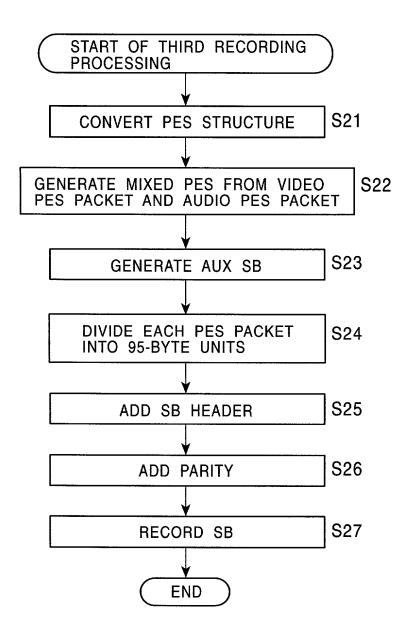


FIG. 19

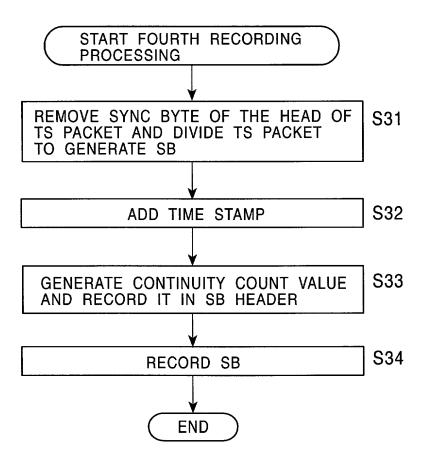


FIG. 20

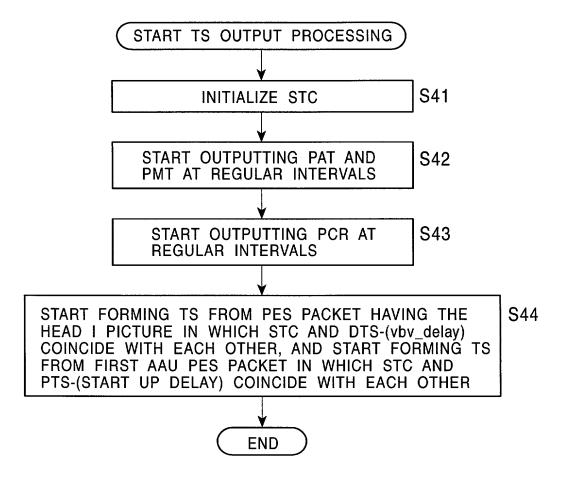
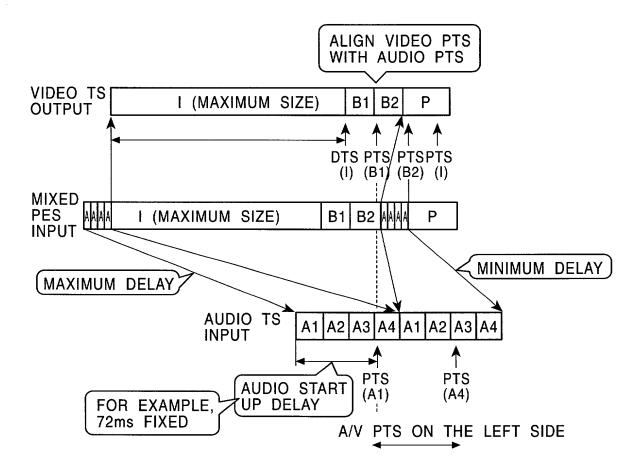


FIG. 21



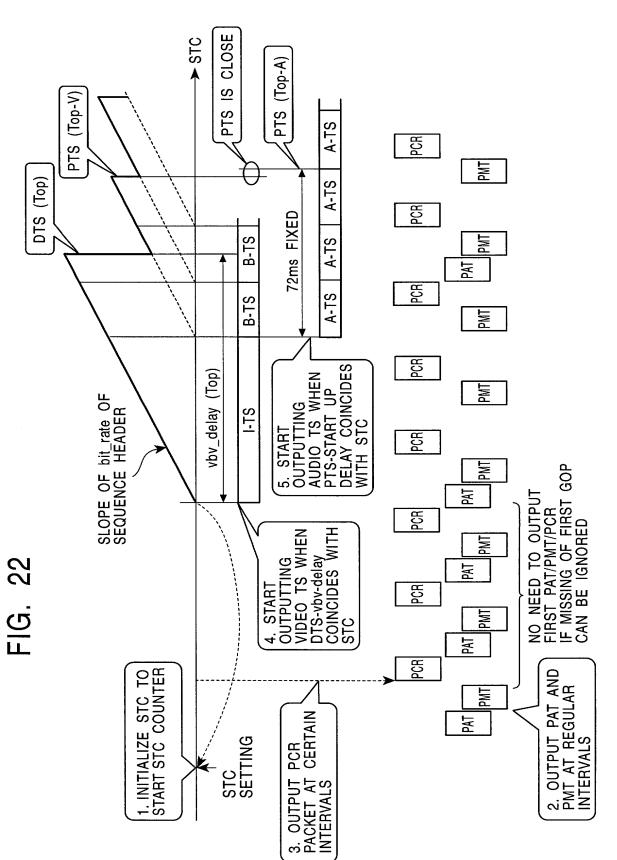
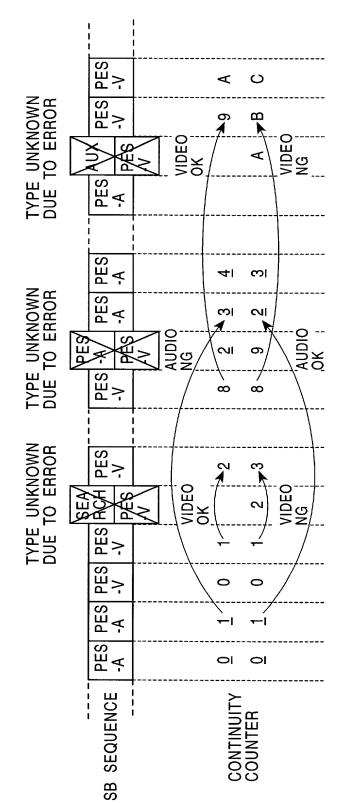


FIG. 23



UNDERSCORED VALUES ARE PES-A

FIG. 24

